

RESTATEMENTS AND AMENDMENTS

In the Specification:

Applicants respectfully request the following amendment(s) to the specification.

On page 4, please amend the first paragraph as follows:

A sigma delta loop configured according to the invention contains a conventional sigma delta loop as a sub-component. For example, referring to Figure 1, the differencing element 108, the filter element 102 and the quantizer 110 (here represented as a source of noise) are configured as a sigma delta modulator. According to the invention, another feedback loop is added that includes the modulator differencing element and the input signal. It is a characteristic of a circuit configured according to the invention that this further feedback loop will be seen to have overall positive feedback. This additional feedback loop is seen to contain the differencing element, filter element ~~[108]~~ 104 notated as having a potentially different 10 characteristic $H(s)'$, and a summation element 106. The elements 106, 108 and 104 constitute the novel feedback loop 112. Because element 106 is a summation element, this feedback loop has positive feedback.